

# Akshay's Gift!!



## Problem Statement

On the eve of Reethu's Birthday, Akshay also gifted a string of numbers of length 'L' to Reethu. Reethu is expecting that Akshay's present would definitely be an 'IDEAL' string. An 'IDEAL' string is a string in which summation of two consecutive numbers is 10.

Constraints:  $0 \leq L \leq 100000$ .

## Input Format

The first line of input contains a numerical string.

## Output Format

Output 'YES' if the input string is 'IDEAL', else print 'NO', without quotes.

## Sample Input

1291

## Sample Output

YES

## Explanation

Here, in the given input string, Last two consecutive numbers add up to 10 ( $9+1$ ). So, YES.